

11-26-01

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Jc685 U.S. PTO

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)***(Only for new nonprovisional applications under 37 CFR 1.53(b))*Docket No.  
FIS9-2001-0151-US1

Total Pages in this Submission

**TO THE ASSISTANT COMMISSIONER FOR PATENTS**Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application invention entitled:

**FUSE STRUCTURE AND METHOD TO FORM THE SAME**

Assignee Name: International Business Machines Corporation

Assignee Residence: Armonk, New York 10504

and invented by:

- |                       |                           |                       |                           |
|-----------------------|---------------------------|-----------------------|---------------------------|
| (1) David K. Anderson | (2) Tien-Jen Cheng        | (3) Timothy J. Dalton | (4) Christopher V. Jahnes |
| (5) Andrew Lu         | (6) Chandrasekhar Narayan | (7) Kevin S. Petrarca | (8) Richard P. Volant     |
| (9) George F. Walker  |                           |                       |                           |

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

**Application Elements**

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 18 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☐ Cross References to Related Applications *(if applicable)*
  - c. ☐ Statement Regarding Federally-sponsored Research/Development *(if applicable)*
  - d. ☐ Reference to Microfiche Appendix *(if applicable)*
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings *(if drawings filed)*
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

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*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

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**Application Elements (Continued)**

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*

- a. ☒ Formal                      Number of Sheets      7 (Figs. 1-7)
- b. ☐ Informal                      Number of Sheets      \_\_\_\_\_

4. ☒ Oath or Declaration

- a. ☒ Newly executed *(original or copy)*      ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney      ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).

5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Computer Program in Microfiche *(Appendix)*

7. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*

- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy *(identical to computer copy)*
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8. ☒ Assignment Papers *(cover sheet & document(s))*

9. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*

10. ☐ English Translation Document *(if applicable)*

11. ☒ Information Disclosure Statement/PTO-1449      ☒ Copies of IDS Citations

12. ☐ Preliminary Amendment

13. ☒ Acknowledgment postcard

14. ☒ Certificate of Mailing

☐ First Class      ☒ Express Mail *(Specify Label No.):* ET384676595US

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Total Pages in this Submission

16. ☐ Additional Enclosures (please identify below):

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***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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Total Pages in this Submission

## Fee Calculation and Transmittal

### CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	20	- 20 =	0	x \$18.00	\$0.00
Indep. Claims	3	- 3 =	0	x \$84.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$740.00
OTHER FEE (specify purpose)					\$0.00
TOTAL FILING FEE					\$740.00

- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 09-0458 as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of \$ 740.00 as filing fee. (FI-652)
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

REGISTRATION NO.: ET384676595US

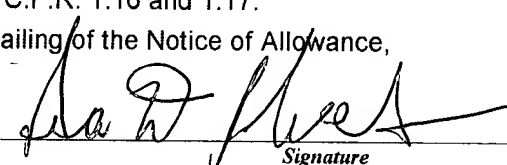
I hereby certify that this document is a true and correct copy of the original as filed with the U.S. Postal Service as required by 37 C.F.R. 1.16 and 1.17. IN AN ENVELOPE ADDRESS TO: COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON, D.C. 20231. A SIGNATURE AND/OR ATTORNEY REQUEST IS THE DATE OF DEPOSIT OF THE FEE.

Dated:  
11/14/01

CC:

November 14, 2001

Karen Cing Mars 11/14/01  
Karen Cing Mars

  
Signature

Ira D. Blecker, Esq.  
Registration No. 29,894  
International Business Machines Corporation  
2070 Route 52  
Hopewell Junction, NY 12533-6531

ET 384676595US

**APPLICATION DATA SHEET**  
**FOR**  
**UNITED STATES LETTERS PATENT**

**APPLICANT NAMES:**

David K. Anderson  
Tien-Jen Cheng  
Timothy J. Dalton  
Christopher V. Jahnes  
Andrew Lu  
Chandrasekhar Narayan  
Kevin S. Petrarca  
Richard P. Volant  
George F. Walker

**TITLE:**

**FUSE STRUCTURE AND METHOD TO  
FORM THE SAME**

**DOCKET NO.:**

**FIS9-2001-0151-US1**

**ASSIGNEE NAME:**

**INTERNATIONAL BUSINESS  
MACHINES CORPORATION**

**ASSIGNEE RESIDENCE:**

**Armonk, New York**

EXPRESS MAIL NO.: ET384676595US

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING  
DEPOSITED WITH THE U.S. POSTAL SERVICE AS EXPRESS  
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APPLICANT AND/OR ATTORNEY REQUESTS THE DATE OF  
DEPOSIT AS THE FILE DATE.

DATE OF DEPOSIT: November 14, 2001

BY SIGNATURE & DATE:

*Karen Cing-Mars* 11/14/01  
Karen Cing-Mars

099244-11401